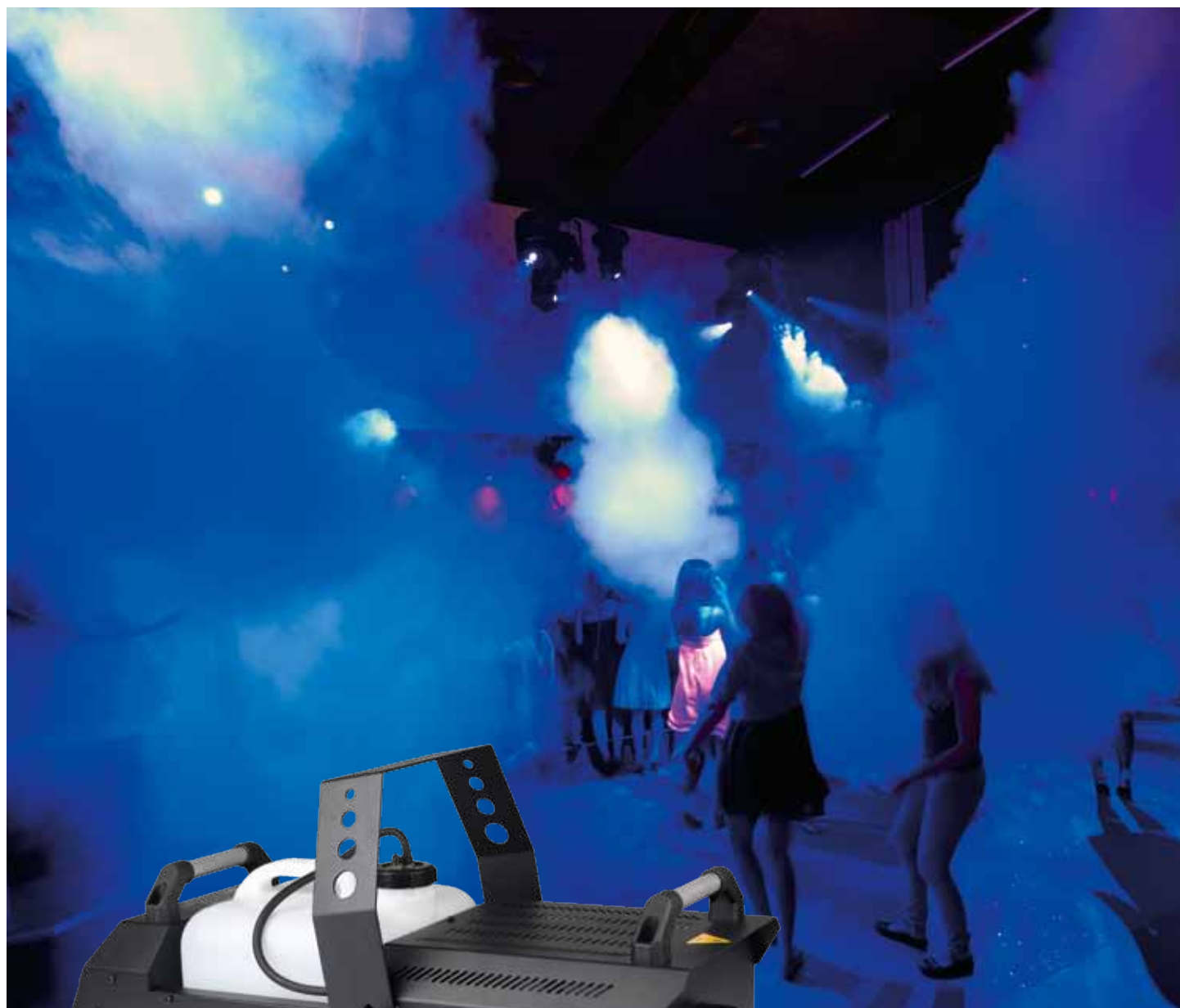


## **Jem ZR44 Hi-Mass™**



**Martin®**

# Advanced technology for top-quality performance

**The Jem ZR44 Hi-Mass™ is a reliable and highly efficient fogger capable of precise fog delivery from subtle to massive.**

Ideal for a variety of settings from small venues to huge stadiums and arenas, it features advanced technology for top-quality performance, as well as advances in digital functionality such as RDM compatibility.



- 1200 m<sup>3</sup>/min fog output
- Continuous output
- 1800 W heat exchanger
- 7.5 min heat-up time
- Floor standing or truss mounting
- Neutrik PowerCon connector
- Indirect Fluid Sensing System
- Proprietary Pro Steam Simulation fluid solution
- Different fluid options for different applications
- Leaves no oil residue on light fixtures
- Tough and solid design
- 3 & 5 pin DMX interface
- Prepared for multifunctional digital remote
- RDM capable
- Soft Start technology

## Specifications

### Physical

Length: 685 mm (27.0 in.)  
Width: 345 mm (13.6 in.)  
Height: 225 mm (8.9 in.)  
Dry weight: 19 kg (41.9 lbs.)

### Performance

Max. fog output (approx.): 1200 m<sup>3</sup>  
Operating time: Continuous, automatic level adjustment  
Warm-up time (approx.): 7.5 minutes

### Control and Programming

Control options: Onboard analogue remote control (Supplied), Multi-Function digital remote  
Control options: control (Optional), DMX (3 and 5 pin), 0-10V analog, RDM capable  
Remote control features: Instant or timer-controlled variable output  
Delay time 2-144 seconds, run time 2-144 seconds  
DMX channels: 1  
RDM Capable via DMX socket  
Digital link machine to machine (Using optional Digital Multi-Function remote)

### Construction

Housing: Steel & aluminum  
Heat exchanger: 1800 W, direct thermal protection

### Fluid System

Fluid pump: Oscillating piston, high pressure X2  
Onboard fluid capacity: 9.5 l  
Indirect fluid sensing system for unattended operation

### Connections

Remote control: 2 x 3-pin locking XLR  
DMX and RDM data in/out: 2 x 3-pin and 2 x 5-pin locking XLR  
Power cable entry: Neutrik powerCON

### Installation

Orientation: Floor or adjustable mounting bracket

### Electrical

AC power (EU models): 220-240 V nominal, 50 Hz  
AC power (US models): 110-120 V nominal, 60 Hz  
Main fuse (220-240 V power): 10 A  
Main fuse (110-120 V power): 20 A

### Thermal

Maximum ambient temperature (T<sub>a</sub> max.): 40° C (104° F)  
Exterior surface temperature, steady state: 50° C (122° F)  
Max. nozzle temperature: 200° C (392° F)

### Approvals

ETL approvals (cETLus) pending

### Included Items

User manual  
Remote control  
Container 9.5 l: P/N 34300528

### Accessories

Pro Smoke Studio (DX Mix) fluid  
Pro Smoke Super (ZR Mix) fluid  
Pro Smoke High Density (SP Mix) fluid  
Pro Steam Simulation (AA) fluid  
I-fog fluid  
Regular DJ (DJ mix) fluid  
Digital Multi-function Remote Control (not yet available)  
Ducting Kit: P/N 92625005  
Drip Tray Kit: P/N 92620011

### Ordering Information

JEM ZR44 Hi-Mass, 110V: P/N 92215310  
JEM ZR44 Hi-Mass, 240V: P/N 92215300

### Martin Professional A/S

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Founded in 1986 and headquartered in Aarhus, Denmark, Martin Professional is a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors. Martin lighting solutions are industry standard on top tours and events, grace prestigious theatres, energize nightclubs, and decorate major television studios around the globe. The company operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. For more information please visit [www.martin.com](http://www.martin.com)

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